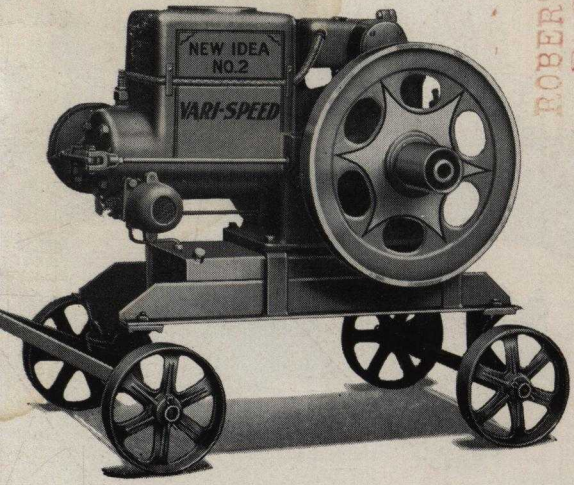
NEW IDEA
VARI-SPEED
ENGINE



ROBERT C. FRABLE
PLEASANT

FOR

Low Cost, Dependable

Power on the Farm

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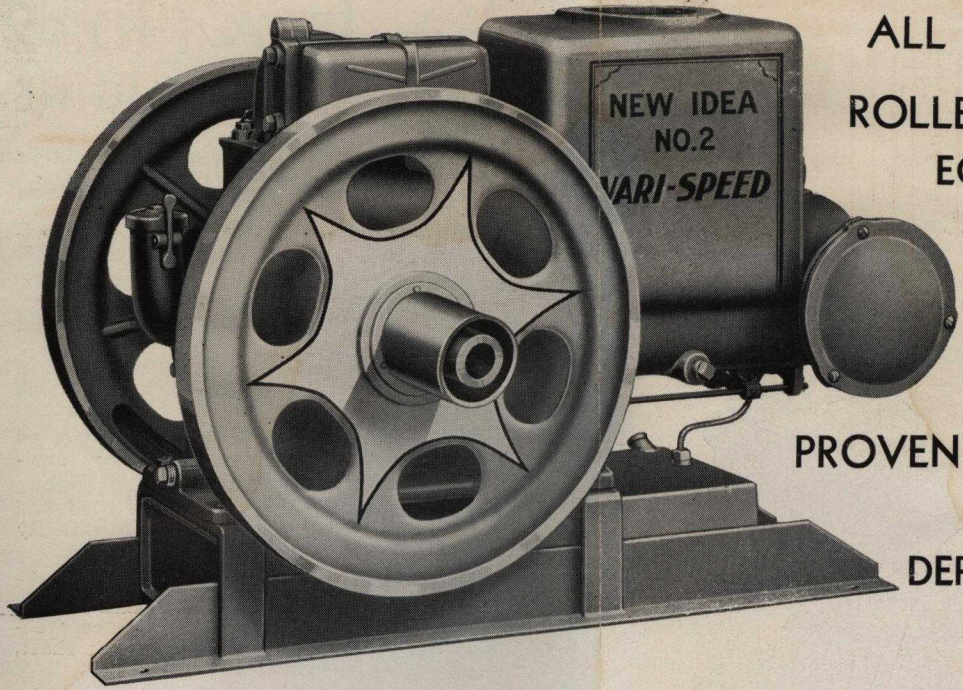


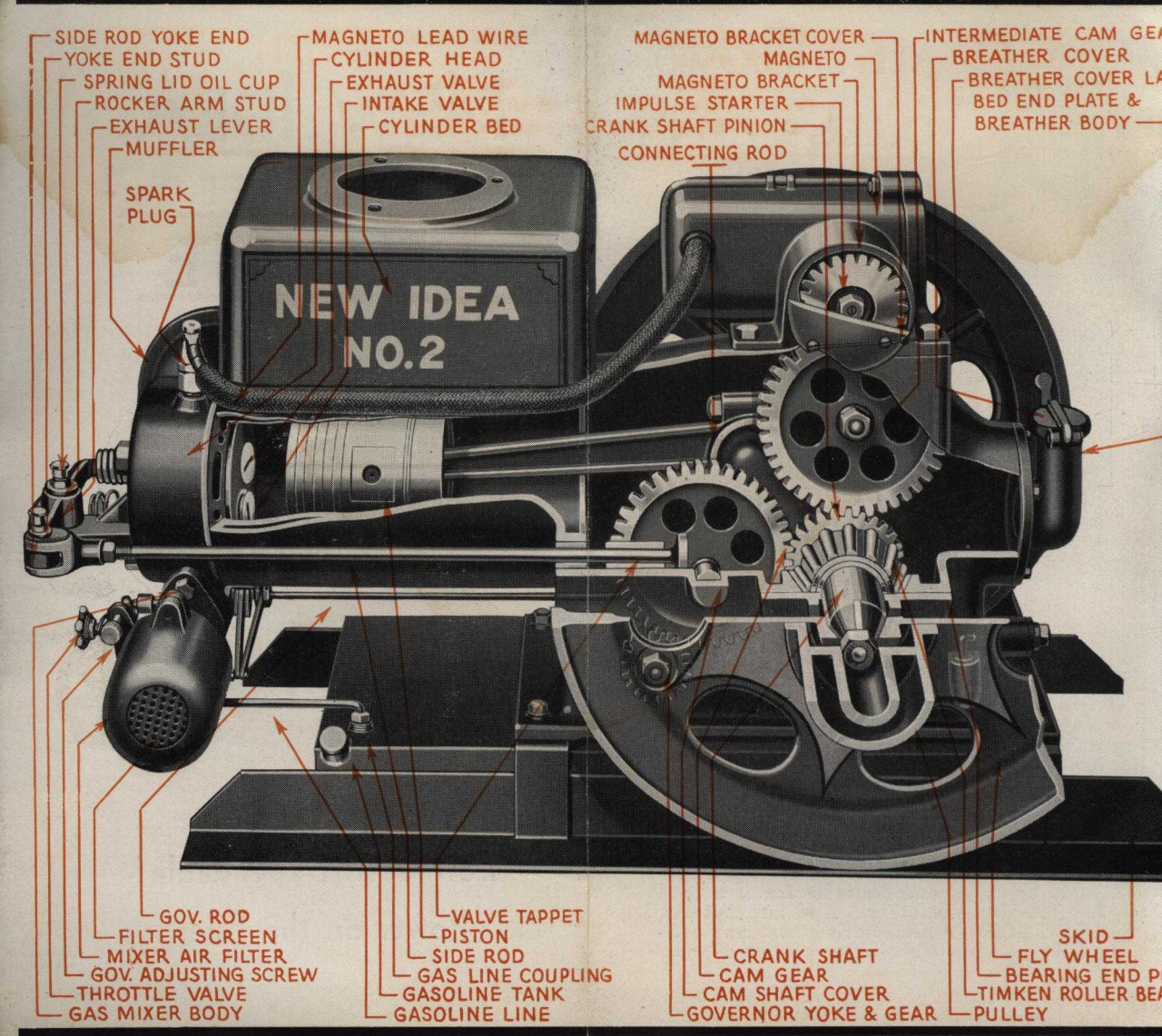
ALL ENCLOSED ROLLER BEARING EQUIPPED

Self Oiling

PROVEN ECONOMY and DEPENDABILITY

WHEREVER there is a power job requiring 1½ to 2½ H.P. the NEW IDEA No. 2 Vari-Speed Engine will handle it. Pumping water, grinding or mixing feed, running the cream separator or corn sheller, power for the spraying outfit, running the portable elevator, sawing wood — these are some of the power jobs about the farm where the NEW IDEA No. 2 Vari-Speed engine will speed up the work and do the job at a nominal cost. Every farm needs this handy helper. Its easy starting feature insures instant power whenever the job is ready to be done. Its proven economy in operation makes it always profitable to use. Its proven dependability insures the job being done without delay. Its durability and freedom from excessive repair cost means that first cost is practically last cost for a period of many years.

Modern engineering practice, backed by years of experience, plus an inventive skill for which NEW IDEA is famous, are the things that have produced this engine which combines in a single unit more approved and desirable features than can be found in any other. And last but not least, NEW IDEA manufacturing skill and efficiency give you this engine at an attractive price.


SIDE ROD YOKE END
YOKE END STUD
SPRING LID OIL CUP
ROCKER ARM STUD
EXHAUST LEVER
MUFFLER
SPARK PLUG
MAGNETO LEAD WIRE
CYLINDER HEAD
EXHAUST VALVE
INTAKE VALVE
CYLINDER BED
MAGNETO BRACKET COVER
MAGNETO
MAGNETO BRACKET
IMPULSE STARTER
CRANK SHAFT PINION
CONNECTING ROD
INTERMEDIATE CAM GEA
BREATHER COVER
BREATHER COVER LA
BED END PLATE &
BREATHER BODY
NEW IDEA
NO.2
GOV. ROD
FILTER SCREEN
MIXER AIR FILTER
GOV. ADJUSTING SCREW
THROTTLE VALVE
GAS MIXER BODY
VALVE TAPPET
PISTON
SIDE ROD
GAS LINE COUPLING
GASOLINE TANK
GASOLINE LINE
CRANK SHAFT
CAM GEAR
CAM SHAFT COVER
GOVERNOR YOKE & GEAR
SKID
FLY WHEEL
BEARING END P
TIMKEN ROLLER BEA
PULLEY

NEW IDEA NO. 2
"VARI-SPEED" ENGINE

The NEW IDEA No. 2 "Vari-Speed" Engine Has Every Desirable Feature of Construction

Cylinder—Highly polished wall insuring maximum compression. Bore—3½". Stroke—5".

Governor—Throttle type, gear-driven, running in oil spray.

Valves—Unusually large — made from special alloy steel.

Piston—Trunk type—ground to close finish. Fitted with three compression rings and one "Sav-Oil" ring.

Connecting Rod—Drop forged, heat treated steel, with die cast SAE formula, anti-friction connecting rod bearing.

Crank Shaft—Drop forged, heat treated and ground, with ends tapered for accurate fly wheel mounting.

Roller Bearings—Crank shaft carried in oversize Roller bearings.

Fly Wheels—16" Diameter x 1½" Face, web-bed, safety type, taper fit on crank shaft, perfectly balanced.

Pulleys—One 3" x 4" and one 4" x 4" straight face, interchangeable, regular equipment. Larger sizes can be furnished.

Lubrication—Splash spray system.

Fuel Tank—Heavy ternplate — 2½ gallon capacity.

Cooling—Hopper cooled, 2½ gallon capacity, water surrounds cylinder and circulates throughout the head.

Ignition—High Tension Wico Magneto with Impulse Starter.

Speed—550 to 750 RPM, variable at will.

NEW IDEA Inc.
COLDWATER , - OHIO
Factories at Coldwater, Ohio and Sandwich, Illinois
Printed in U. S. of America